PELCO®

Using Symantec AntiVirus™ Corporate Edition Version 9.0 Software On a DX8000 DVR

DX8000 Digital Video Recorder

C1613M-A (12/04)

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Using Symantec AntiVirus Corporate Edition 9.0 Software

In response to numerous customer requests, Pelco has developed and tested a plan for implementing Symantec AntiVirus Corporate Edition 9.0 software. To provide an additional degree of protection against viruses, Symantec AntiVirus can now be installed, configured, and activated on each DX8000 DVR in your organization. To ensure correct and effective installation and use of Symantec AntiVirus software on the DX8000, read and follow the steps presented in each section of this document completely. Sections include the following:

- Installing the Antivirus Software on a DX8000 Server
- Keeping the Antivirus Software Current
- Performing a Manual Virus Scan

IMPORTANT: New viruses are created every day. To remain effective, your antivirus software must be active and updated on a regular basis. Pelco is not responsible for the failure of an individual or organization to update antivirus software and virus definition files. Scanning the hard disk system for viruses while the DX8000 is recording may result in lost video data. Virus scanning should only be performed manually while the DX8000 is not in record, search, or playback modes. Pelco is not responsible for damage or loss to equipment, software, video, or other data resulting from computer viruses. Please refer to your antivirus software manual for more information on protecting against the viruses.

INSTALLING AND UNINSTALLING SYMANTEC ANTIVIRUS CORPORATE EDITION

There are no items of importance that you need be concerned about before installing, using, or uninstalling Symantec AntiVirus Corporate Edition Version 9.0.

- Installing Symantec AntiVirus Corporate Edition: The installation of Symantec AntiVirus Corporate Edition is easy. After the installation process finishes, you do not have to restart the DX8000.
- Using Symantec AntiVirus Corporate Edition: Symantec AntiVirus Corporate Edition Version runs in the background without interrupting DX8000 operation.
  - You can configure Symantec AntiVirus Corporate Edition to update automatically on a weekly or daily basis.
  - You do not have to interact with Symantec antivirus software. To verify that the software actually updated, run the software and look at the date on the current definition file.
  - Symantec AntiVirus Corporate Edition imposes no processor load during an automatic update.
- Uninstalling Symantec AntiVirus Corporate Edition: Symantec antivirus software is easy to uninstall, but some components are not removed.
  - You must manually remove left-over Symantec files from the registry and hard drive.
  - The Symantec Live-Update icon is very difficult to remove from the notification area of the Windows task bar.
  - The DX8000 must be restarted if the Symantec software is uninstalled.

To install Symantec AntiVirus software:

1. If the DX8000 application is running, close it before beginning with the installation of the antivirus software. For help refer to the Installation manual and the Operation and Programming manual for instructions on exiting the DX8000.

NOTE: You must have Administrator privileges to exit to Windows®. If you are not currently logged in as an Administrator, do so. Refer to the Operation and Programming manual for information on user security levels.

To exit the DX8000 application and log into the Windows operating system:

a. Go to File > Exit.

b. Select Exit to Windows.

c. Click OK.

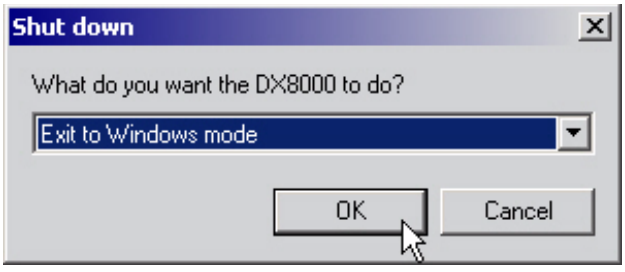

Figure 1. Shut Down Dialog Box

The Log On to Windows dialog box opens.

2. Enter the Windows password and click OK. The system logs you into the Windows operating system.
3. Insert the Symantec AntiVirus Corporate Edition 9.0 disk into your DX8000 CD drive. The Symantec AntiVirus Corporate Edition window should appear. If the window did not appear, perform the following steps:

   a. Right click the Start button and then click Explore.

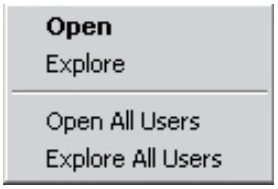

Figure 2. Starting Search for CD

   b. Find the CD drive on the left side of the screen and click it once. The contents of the CD will appear on the right side of the screen.

   c. Click the Setup icon.

Figure 3. Setup Icon

4. The Symantec AntiVirus Corporate Edition window opens. Click Install Symantec AntiVirus.

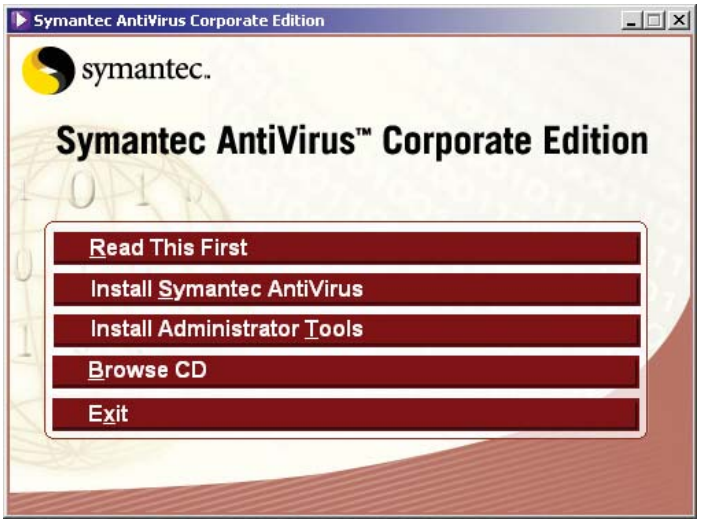

Figure 4. Symantec AntiVirus Corporate Edition Window

5. A second Symantec AntiVirus Corporation window opens. Click Install Symantec AntiVirus again.

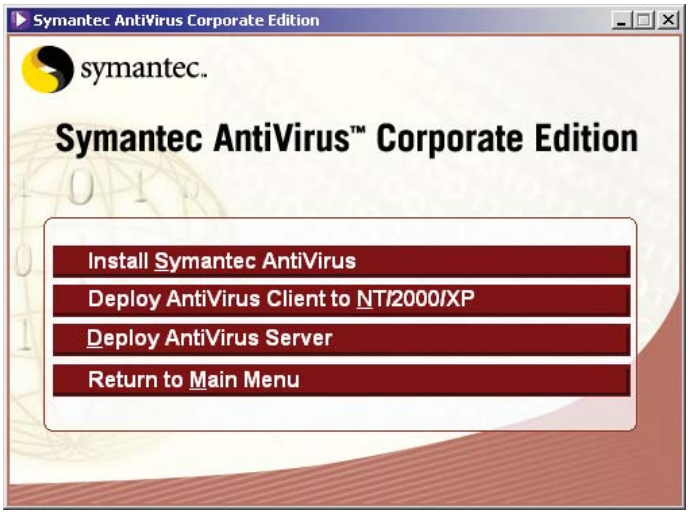

Figure 5. Second Symantec AntiVirus Corporate Edition Window

6. The software prepares to do the installation, and the InstallShield Wizard opens. Click Next.

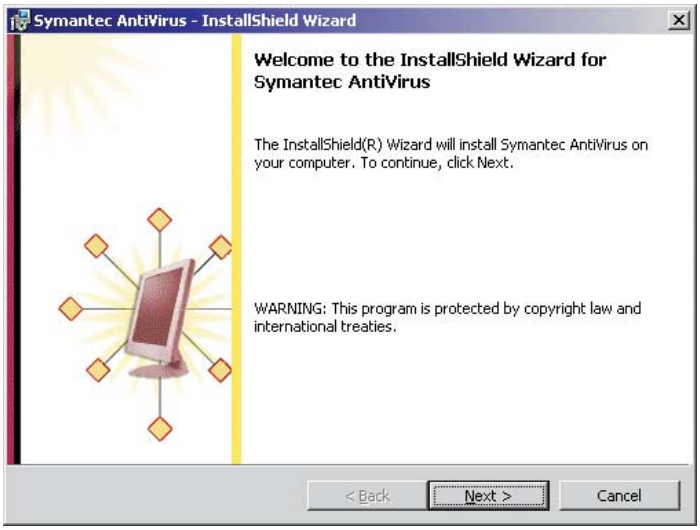
Symantec AntiVirus - InstallShield Wizard
Welcome to the InstallShield Wizard for Symantec AntiVirus
The InstallShield(R) Wizard will install Symantec AntiVirus on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
< Back
Next >
Cancel

Figure 6. InstallShield Wizard

7. The License Agreement dialog box opens. Read the terms. You will not be able to click Next if you do not agree to the terms of the license agreement. When ready, select the button accepting the terms. Click Next.

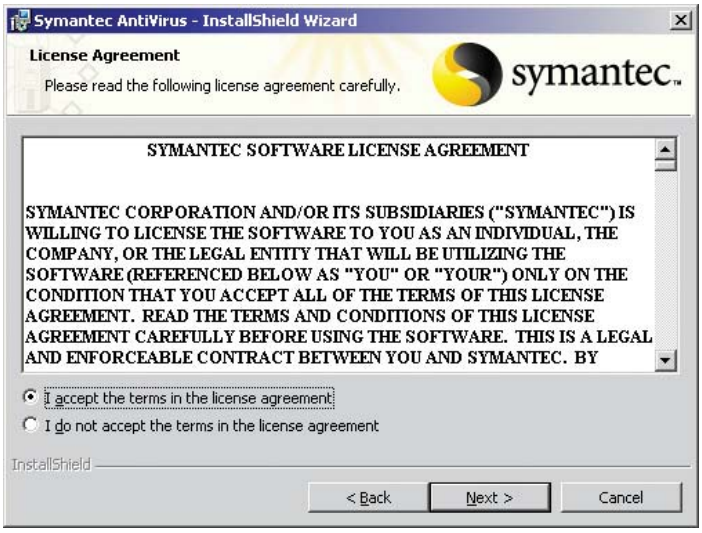
Symantec AntiVirus - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
symantec.
SYMANTEC SOFTWARE LICENSE AGREEMENT
SYMANTEC CORPORATION AND/OR ITS SUBSIDIARIES ("SYMANTEC") IS WILLING TO LICENSE THE SOFTWARE TO YOU AS AN INDIVIDUAL, THE COMPANY, OR THE LEGAL ENTITY THAT WILL BE UTILIZING THE SOFTWARE (REFERENCED BELOW AS "YOU" OR "YOUR") ONLY ON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS OF THIS LICENSE AGREEMENT. READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT CAREFULLY BEFORE USING THE SOFTWARE. THIS IS A LEGAL AND ENFORCEABLE CONTRACT BETWEEN YOU AND SYMANTEC. BY
I accept the terms in the license agreement
I do not accept the terms in the license agreement
InstallShield
< Back
Next >
Cancel

Figure 7. Accepting Terms of License Agreement

8. The Client Server Options dialog box opens. Select Client Install and then click Next.

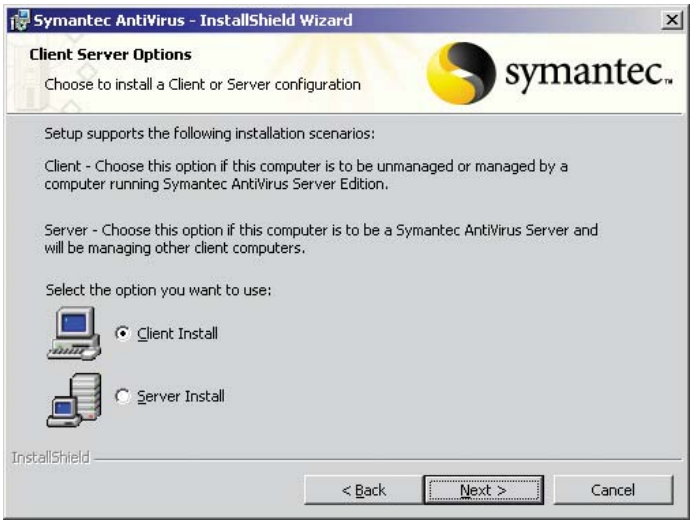
Symantec AntiVirus - InstallShield Wizard
Client Server Options
Choose to install a Client or Server configuration
symantec.
Setup supports the following installation scenarios:
Client - Choose this option if this computer is to be unmanaged or managed by a computer running Symantec AntiVirus Server Edition.
Server - Choose this option if this computer is to be a Symantec AntiVirus Server and will be managing other client computers.
Select the option you want to use:
Client Install
Server Install
InstallShield
< Back
Next >
Cancel

Figure 8. Client Server Options Dialog Box

9. The Setup Types dialog box opens. Click Complete to install the full program and then click Next.

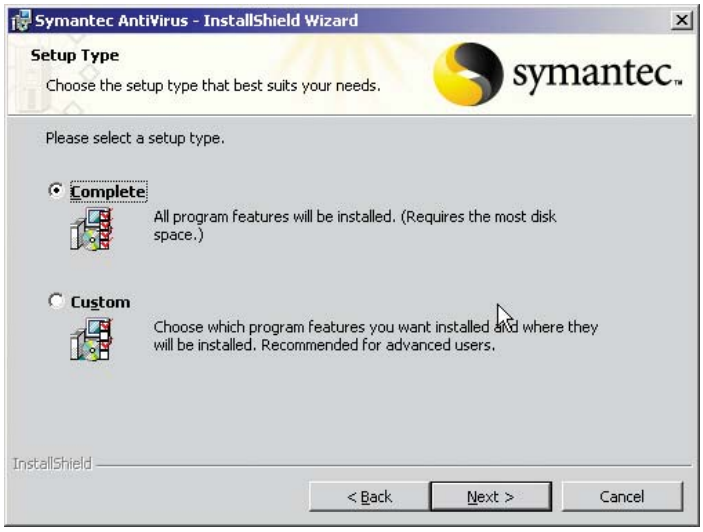
Symantec AntiVirus - InstallShield Wizard
Setup Type
Choose the setup type that best suits your needs.
symantec.
Please select a setup type.
Complete
All program features will be installed. (Requires the most disk space.)
Custom
Choose which program features you want installed and where they will be installed. Recommended for advanced users.
InstallShield
< Back
Next >
Cancel

Figure 9. Select Type Dialog Box

10. The Network Setup Type dialog box opens. Choose the Unmanaged option and then click Next. For information about managed installations, refer to the Symantec antivirus manual.

Symantec AntiVirus - InstallShield Wizard
Network Setup Type
Choose the network setup type that best suits your needs.
symantec.
Setup supports the following installation scenarios:
Managed - Choose this option if this computer is to be managed by a computer running Symantec AntiVirus Server Edition.
Unmanaged - Choose this option if this computer will not be managed by a computer running Symantec AntiVirus Server Edition. For example, your home computer.
Select the option you want to use:
Managed
Unmanaged
InstallShield
< Back
Next >
Cancel

Figure 10. Network Setup Type Dialog Box

11. The Install Options dialog box opens. Make sure that the Auto-Protect and Run LiveUpdate boxes are checked. LiveUpdate requires your computer to be connected to the Internet. Refer to your network administrator. You are now ready to install Symantec AntiVirus Corporate Edition. Click Next.

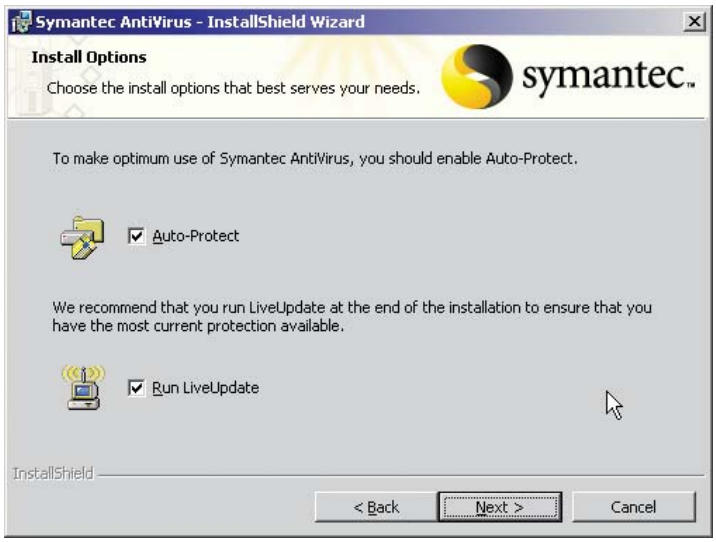
Symantec AntiVirus - InstallShield Wizard
Install Options
Choose the install options that best serves your needs.
symantec.
To make optimum use of Symantec AntiVirus, you should enable Auto-Protect.
Auto-Protect
We recommend that you run LiveUpdate at the end of the installation to ensure that you have the most current protection available.
Run LiveUpdate
InstallShield
< Back
Next >
Cancel

Figure 11. Install Options Dialog Box

12. The Ready to Install the Program dialog box opens. Click Install to initiate the installation.

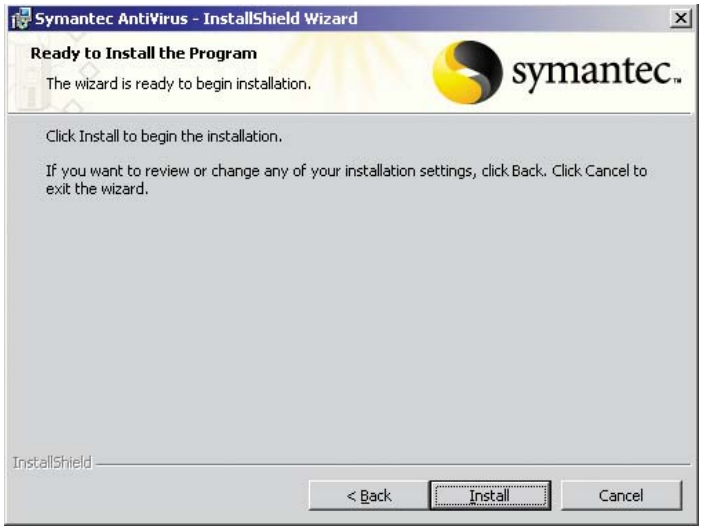
Symantec AntiVirus - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
symantec.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

Figure 12. Dialog Box for Ready to Install the Program

13. After installation is completed, a LiveUpdate dialog box opens. The middle of the window shows what has been installed. Click Next to launch the LiveUpdate that will install the latest virus definitions to protect your computer.

LiveUpdate
Options
Welcome to LiveUpdate
symantec.
The following Symantec products and components are installed on your computer:
Avenge 1.5 MicroDefs2 Corp 9
LiveUpdate
Symantec AntiVirus Corporate Client NT
LiveUpdate will use the Internet to search for updates to your installed Symantec products and components.
Click Next to see available updates.
< Back
Next >
Cancel
Help

Figure 13. LiveUpdate Dialog Box

As LiveUpdate runs you will see the virus definitions downloading. The upper progress bar is the current definition, and the bottom progress bar is the overall progress of the entire download.

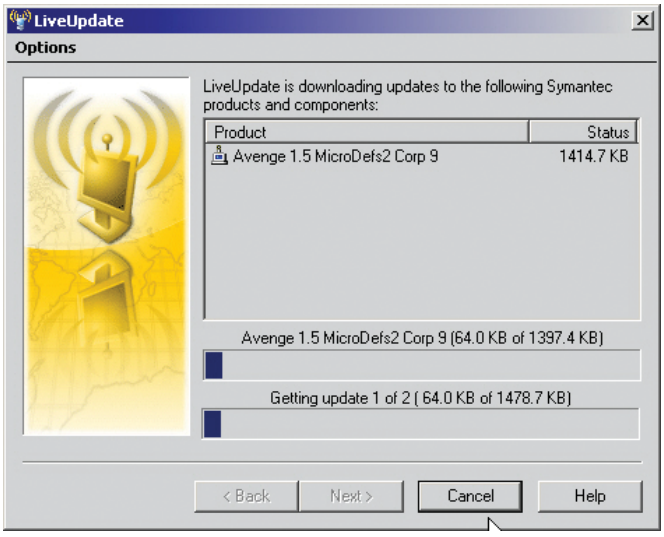
LiveUpdate
Options
LiveUpdate is downloading updates to the following Symantec products and components:
Product
Status
Avenge 1.5 MicroDefs2 Corp 9
1414.7 KB
Avenge 1.5 MicroDefs2 Corp 9 (64.0 KB of 1397.4 KB)
Getting update 1 of 2 (64.0 KB of 1478.7 KB)
< Back
Next >
Cancel
Help

Figure 14. Progress of Download

After LiveUpdate finishes, the LiveUpdate dialog box displays how many updates were downloaded. Click Finish to close this dialog box. Sometimes after LiveUpdate finishes, if there were many updates to download and/or the updates were large, you will be prompted to restart the machine.

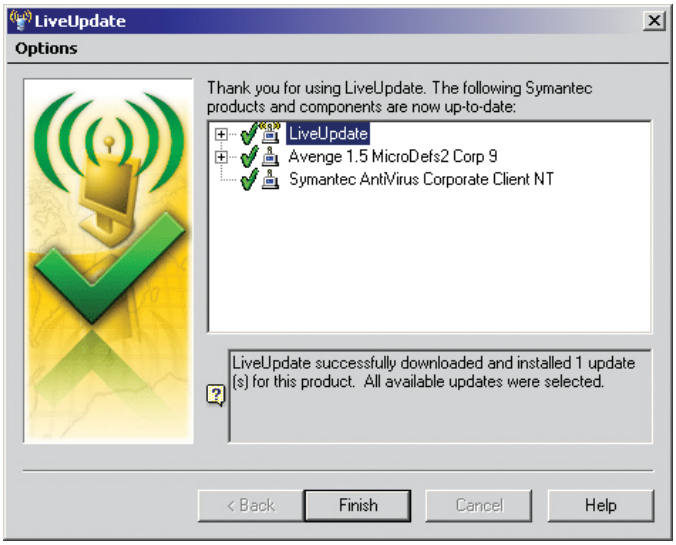
LiveUpdate
Options
Thank you for using LiveUpdate. The following Symantec products and components are now up-to-date:
LiveUpdate
Avenge 1.5 MicroDefs2 Corp 9
Symantec AntiVirus Corporate Client NT
LiveUpdate successfully downloaded and installed 1 update (s) for this product. All available updates were selected.
< Back
Finish
Cancel
Help

Figure 15. List of Updates Downloaded

14. Click Finish to close the installation wizard after the virus protection files are updated.

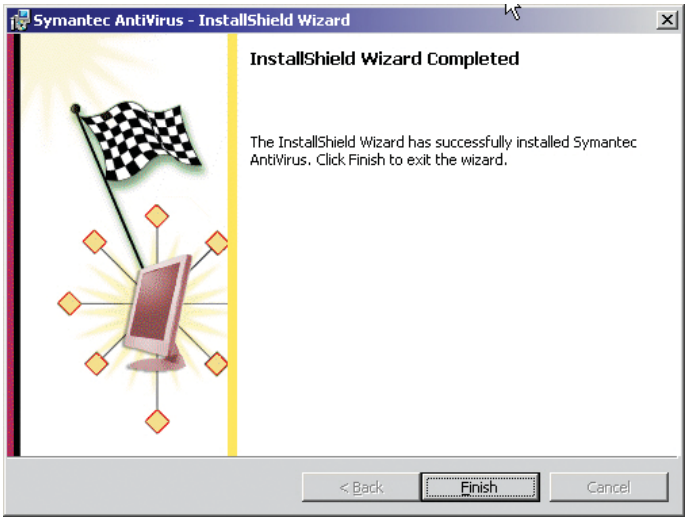
Symantec AntiVirus - InstallShield Wizard
InstallShield Wizard Completed
The InstallShield Wizard has successfully installed Symantec AntiVirus. Click Finish to exit the wizard.
< Back
Finish
Cancel

Figure 16. InstallShield Wizard Completed Dialog Box

KEEPING THE ANTIVIRUS SOFTWARE CURRENT

Symantec AntiVirus Corporate Edition has a built-in LiveUpdate feature to update virus definitions from the Symantec web site to maximize system protection. On a regular basis you must execute this feature manually. Symantec recommends that you run LiveUpdate at least once a week for proper shielding against viruses. Remember to exit the DX8000 application prior to running the LiveUpdate.

NOTE: LiveUpdate requires your computer to be connected to the Internet. Refer to your network administrator.

To update virus definitions:

1. Open the Symantec AntiVirus software by clicking Start > Programs > Symantec Client Security > Symantec AntiVirus.

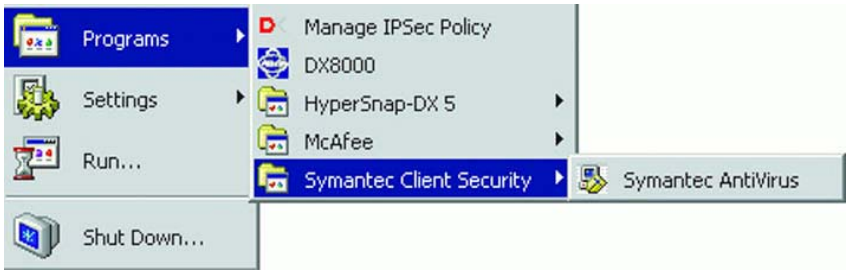

Figure 17. Opening the Antivirus Software

2. Click the LiveUpdate button on the bottom right side of the screen.

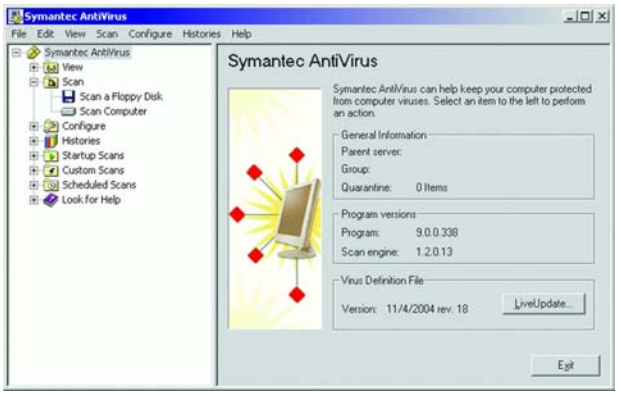

Figure 18. Starting the Update

3. The LiveUpdate window appears. Follow the on-screen instructions to complete the LiveUpdate.

LiveUpdate
Options
Welcome to LiveUpdate
symantec.
The following Symantec products and components are installed on your computer:
Avenge 1.5 MicroDefs2 Corp 9
LiveUpdate
Symantec AntiVirus Corporate Client NT
LiveUpdate will use the Internet to search for updates to your installed Symantec products and components.
Click Next to see available updates.
< Back
Next >
Cancel
Help

Figure 19. LiveUpdate Window

4. When LiveUpdate is done, click the Finish button. The LiveUpdate software will sometimes ask you to restart the computer, depending on the size of the update or how many updates were downloaded and installed.

LiveUpdate
Options
Thank you for using LiveUpdate. The following Symantec products and components are now up-to-date:
Avenge 1.5 MicroDefs2 Corp 9
Symantec AntiVirus Corporate Client NT
LiveUpdate
LiveUpdate successfully downloaded and installed 2 update (s) for this product. All available updates were selected.
< Back
Finish
Cancel
Help

Figure 20. Finishing the Update

PERFORMING A MANUAL VIRUS SCAN

Virus scans must be executed manually because they cannot run while the DX8000 application is running. To manually scan your system drives, follow these steps:

1. Open the Symantec AntiVirus software.

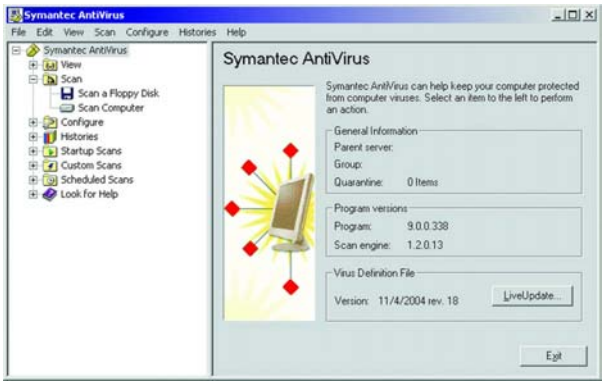

Figure 21. Symantec AntiVirus Window

2. From the menu bar select Scan, and from the drop-down menu select Scan Computer.

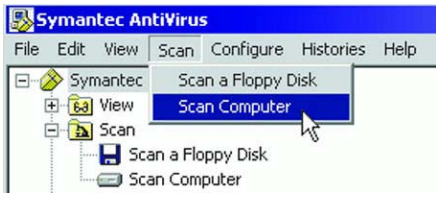

Figure 22. Starting the Scan

3. The window changes with the right side showing all the drives on the system. Select the drives you wish to scan by placing a check mark and a plus sign in the corresponding box. An empty box means the drive will not be scanned. A box with only a check mark in it means that the individual file or folder is selected. A check mark and a plus sign in a box mean that everything inside of the drive will be selected. A box with only a plus sign in it means that the folder or drive is not selected but something inside of the folder or drive is selected. It is recommended that you place a check mark and a plus inside the box so that the entire drive is scanned.

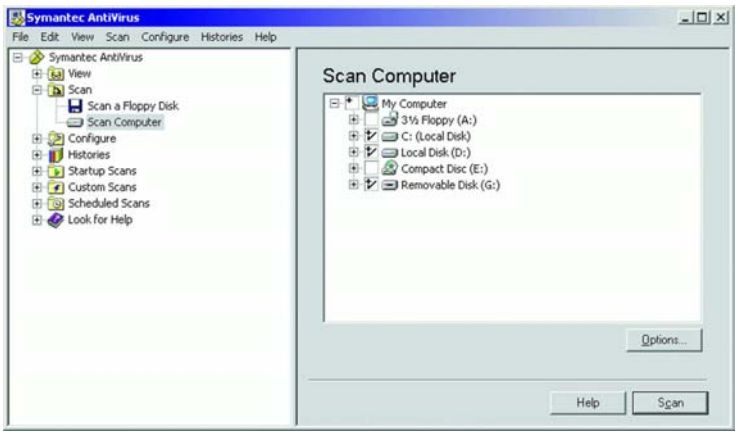

Figure 23. Selecting Drives to Scan

4. Select Scan to begin scanning for viruses. If a virus is found on your system, refer to the Symantec documentation received with your software.

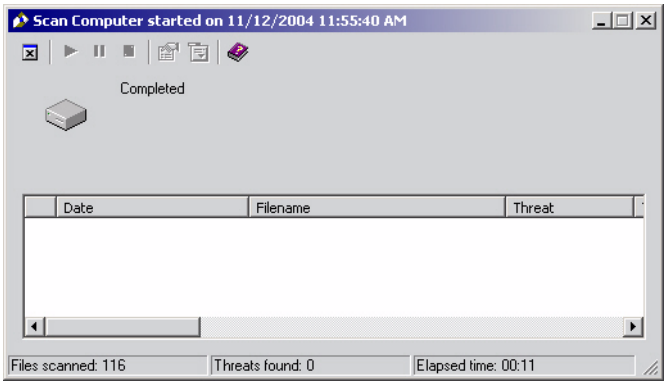

Figure 24. Scanning the Computer

REVISION HISTORY

Manual #	Date	Comments
C1613M	9/04	Original manual.
C1613M-A	12/04	Adds new procedures for using the software.

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